

CLAIMS

1. A canister rack system for a microdermabrasion machine comprising:

a canister rack having a base with bores through the base forming conduits for crystal
5 passage through the canister rack, to a microdermabrasion machine;

a pair of canisters mountable upon the canister rack, including a supply canister and a
storage canister, wherein the supply canister has a feeding conduit for the exit of crystal
from the supply canister, wherein the storage canister has a return conduit and a filtered
conduit;

10 wherein the canister rack bores forming conduits are formed at the base which is the
interface between the canister rack and pair of canisters, so that the conduits from the
storage canister and supply canister meet with their respective conduits formed in the
canister rack to form an airtight seal;

15 a horizontal locking pin protruding from each canister locking into a pair of horizontal
slots formed in the canister rack;

a vertical locking pin protruding from the base of the canister rack locking into a slot
formed in each canister;

a latch attaching each canister to the canister rack.

- 20 2. The canister rack system of claim 1, further comprising: o-rings disposed in the canister rack
to seal the interface in the feeding conduit, return conduit, and filtered conduit.

3. The canister rack system of claim 1, wherein the horizontal locking pin protrudes from the
canister rack instead of the canister and locks into a slot formed in the canister.

- 25 4. The canister rack system of claim 1, wherein the canister is cylindrical having a cylindrical
main body threaded at an upper end to receive a screw on top and threaded at a lower end to
receive a screw on bottom.

- 30 5. A canister rack system for a microdermabrasion machine comprising:

a canister rack has a base with bores through the base forming conduits for crystal passage through the canister rack to a microdermabrasion machine;
a supply canister and a storage canister mount on the canister rack, wherein the supply canister has a feeding conduit for crystal exit from the supply canister, wherein the
5 storage canister has a return conduit and a filtered conduit;
wherein the canister rack bores forming conduits are formed at the base which is the interface between the canister rack and pair of canisters, so that the conduits from the storage canister and supply canister meet with their respective conduits formed in the canister rack to form an airtight seal;
10 a horizontal locking pin protruding from each canister locking into a pair of horizontal slots formed in the canister rack;
a latch attaching each canister to the canister rack.

6. The canister rack system of claim 5, further comprising: o-rings disposed in the canister rack
15 to seal the interface in the feeding conduit, return conduit, filtered conduit.
7. The canister rack system of claim 5, wherein the horizontal locking pin protrudes from the canister rack instead of the canister and locks into a slot formed in the canister instead of the canister rack.
20
8. The canister rack system of claim 5, wherein the canister is cylindrical having a cylindrical main body threaded at an upper end to receive a screw on top and threaded at a lower end to receive a screw on bottom.
25